

### Chromatographic separation of xylose crystallization run-off

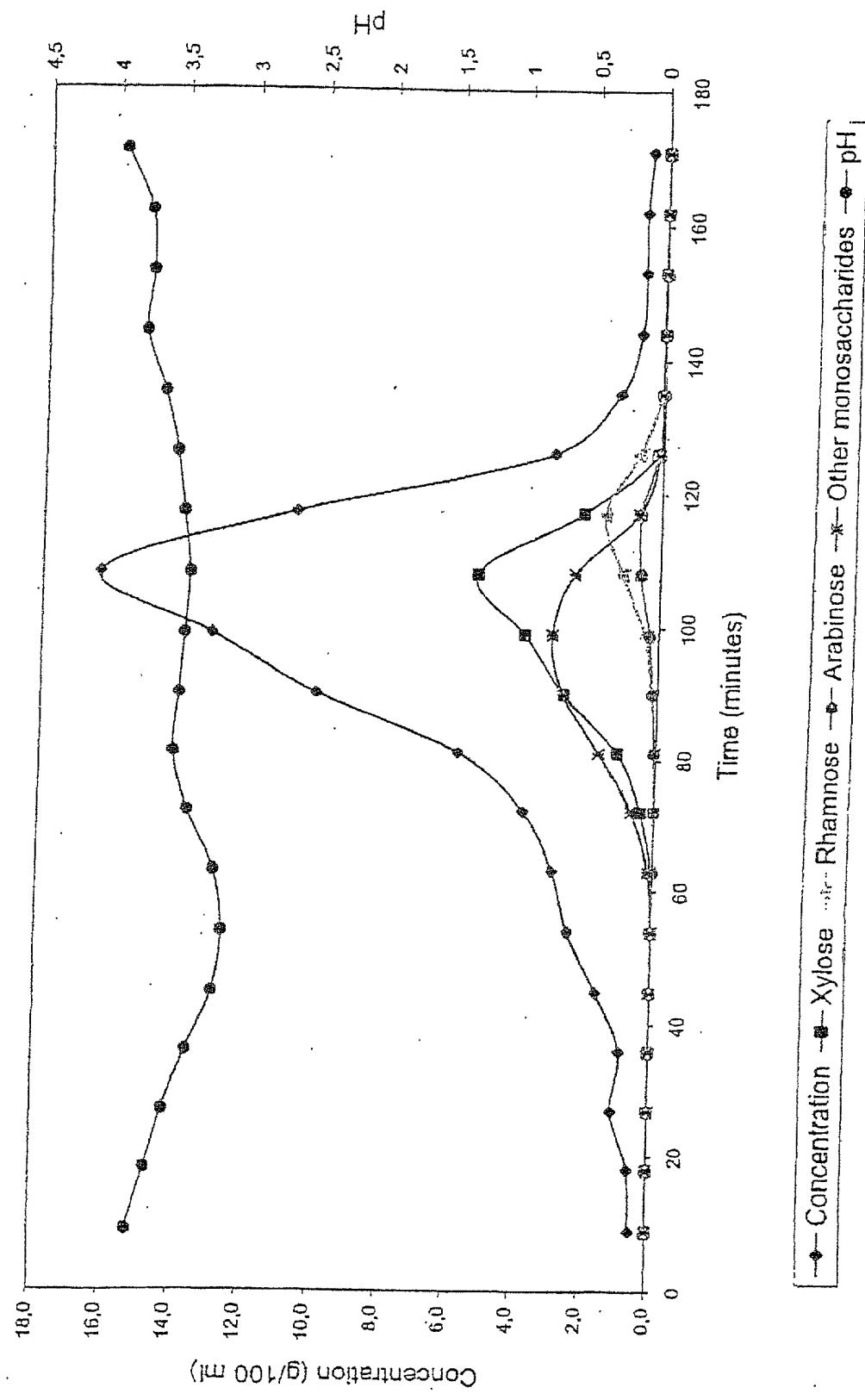


FIG. 1

## Chromatographic separation of xylose crystallization run-off

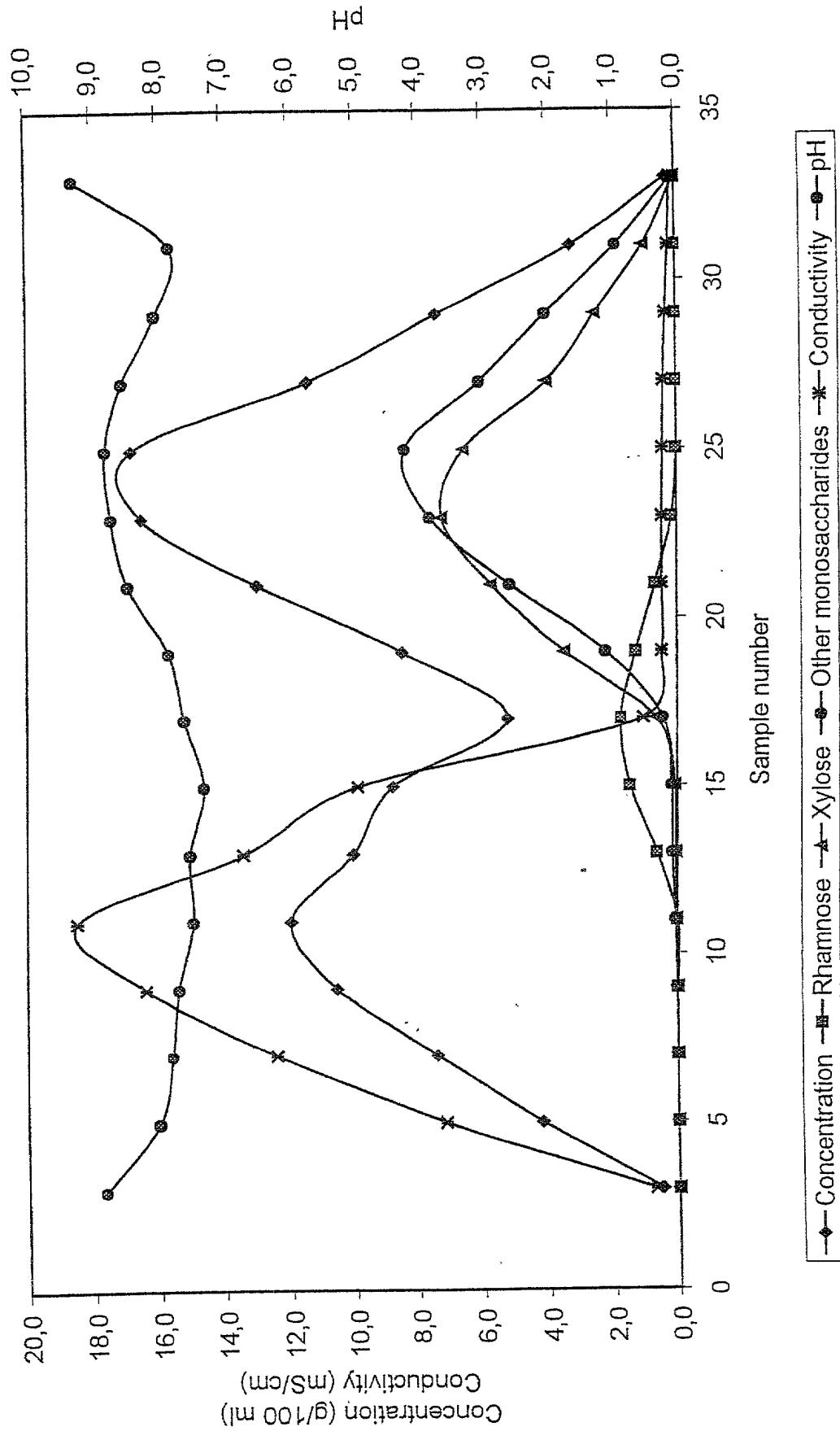


FIG. 2

### Chromatographic separation of xylose-arabinose fraction

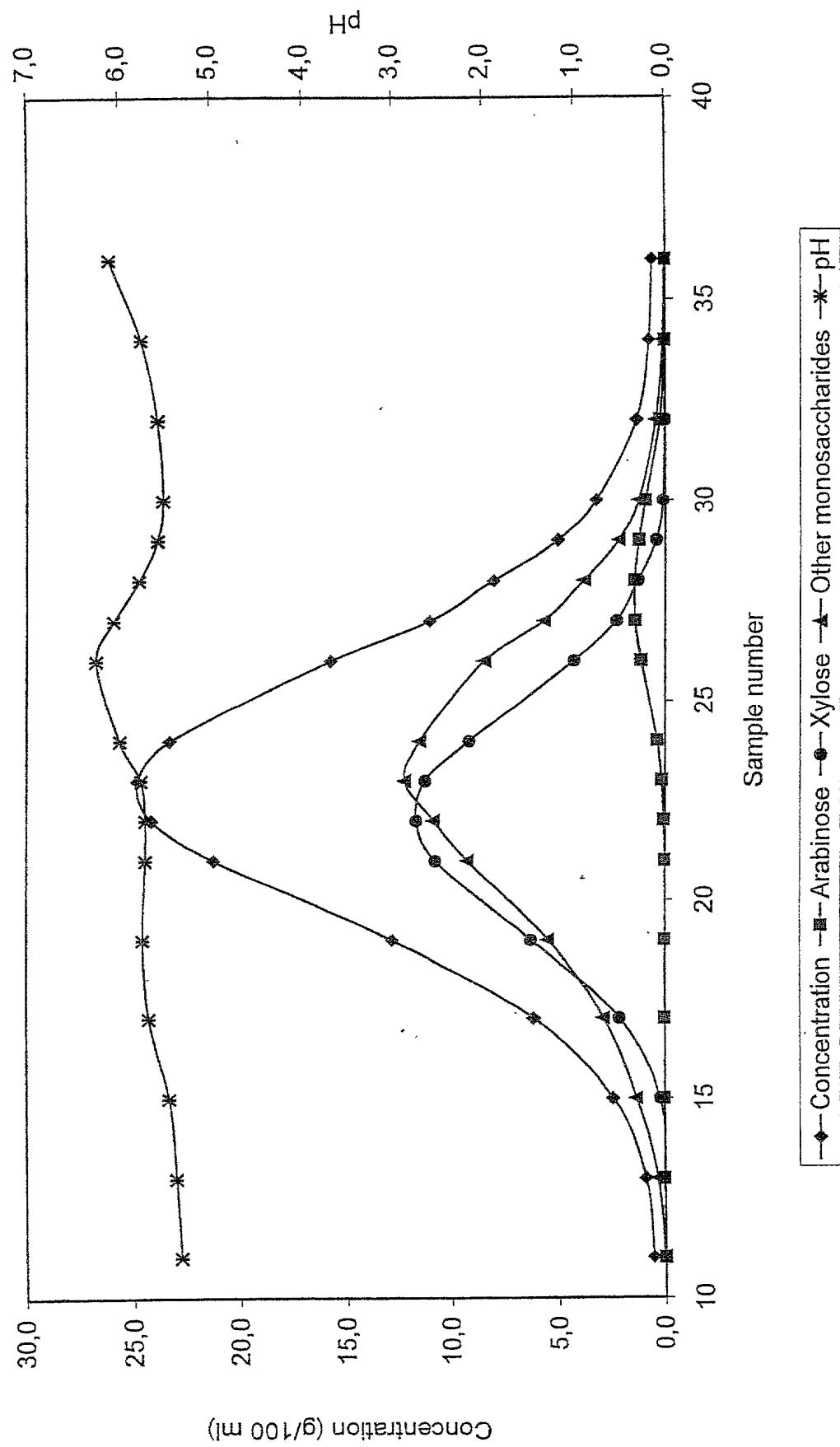


FIG. 3

Chromatographic separation of xylose crystallization run-off  
A  $\text{Na}^+$ -form strong acid cation exchange resin

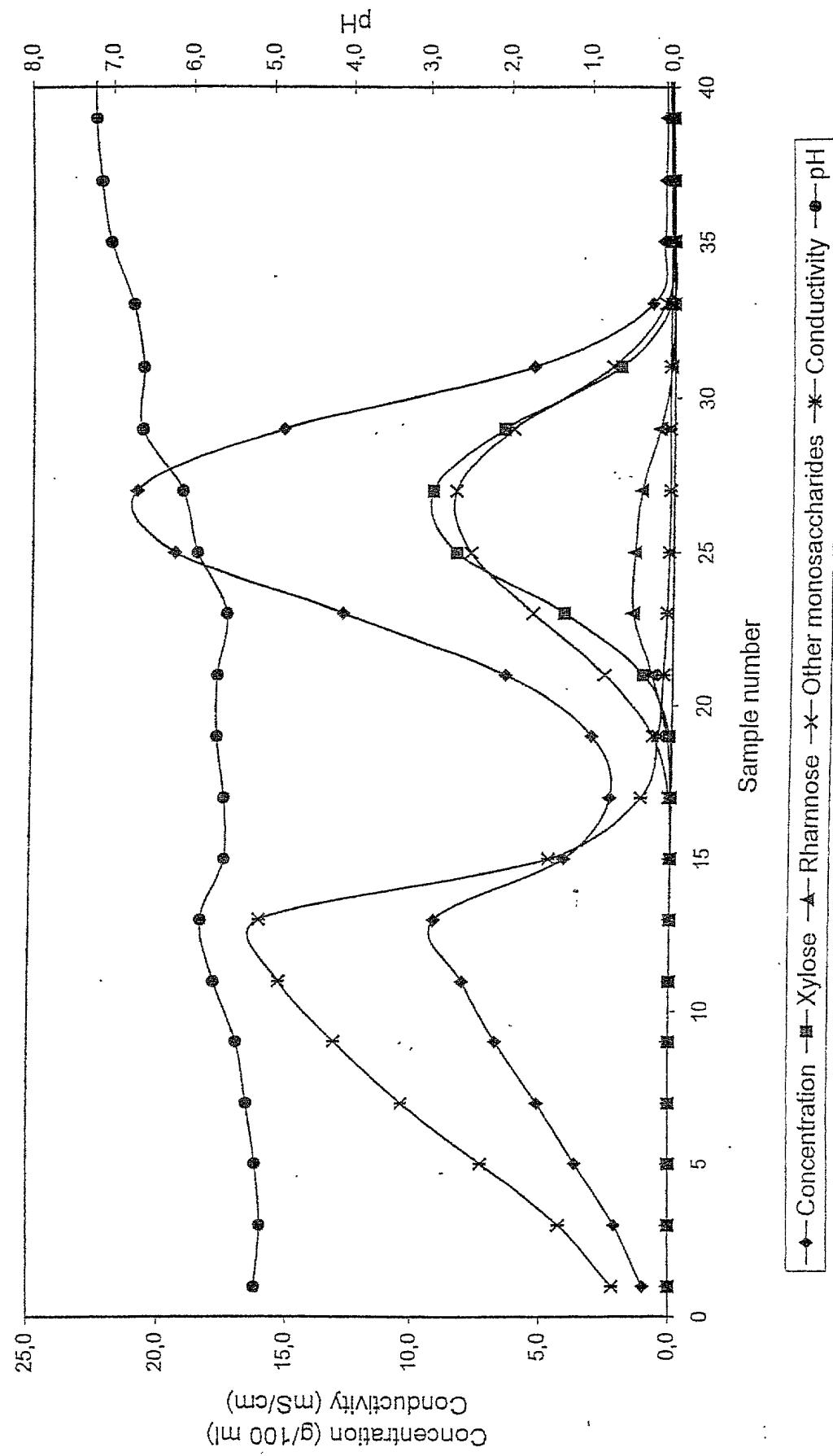


FIG. 4

### Chromatographic separation of rhamnose containing xylose fraction

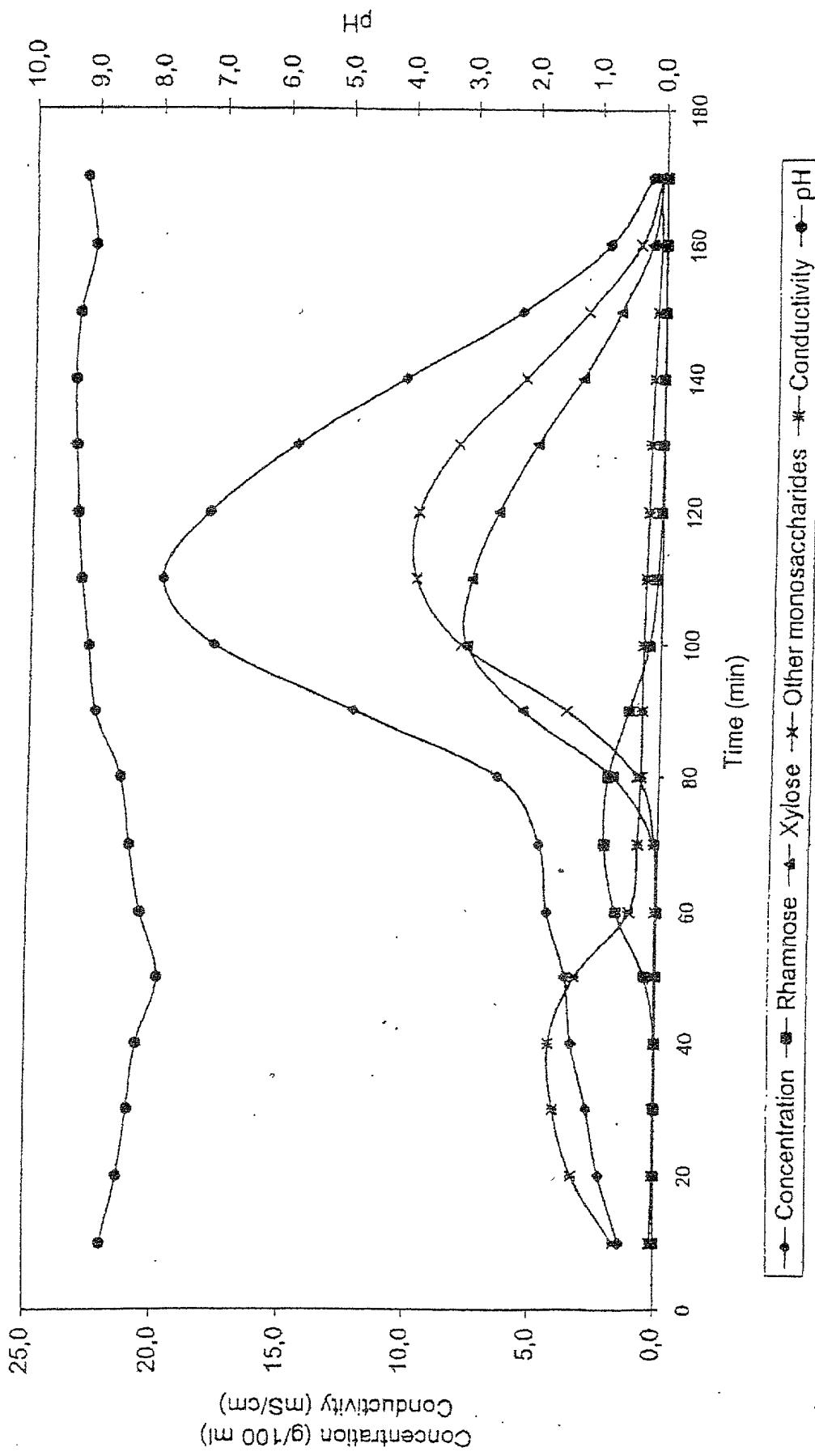


FIG. 5

## Chromatographic separation of rhamnose rich fraction

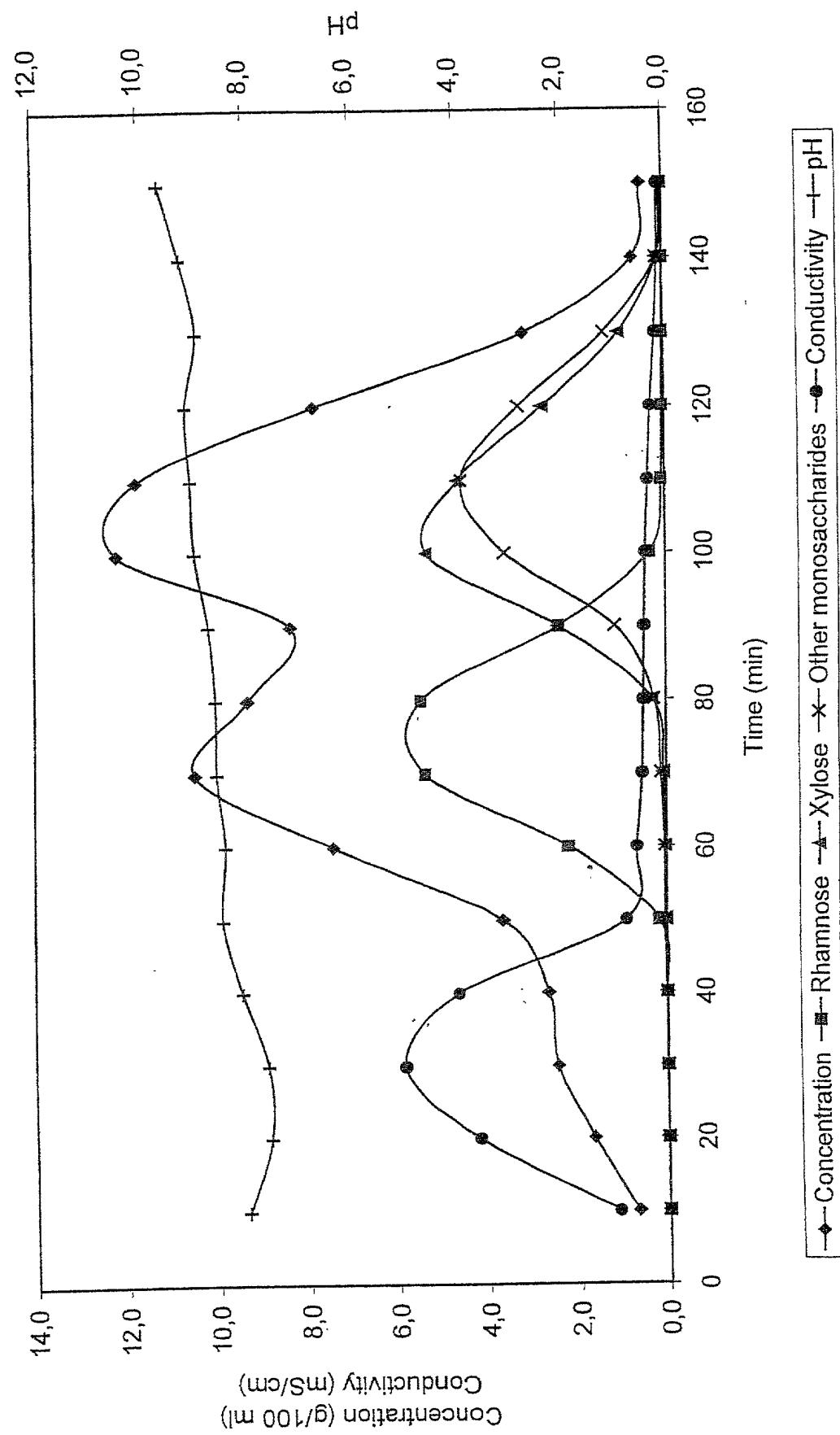


FIG. 6

Chromatographic separation of rhamnose rich fraction  
A  $\text{Ca}^{2+}$ -form strong acid cation exchange resin

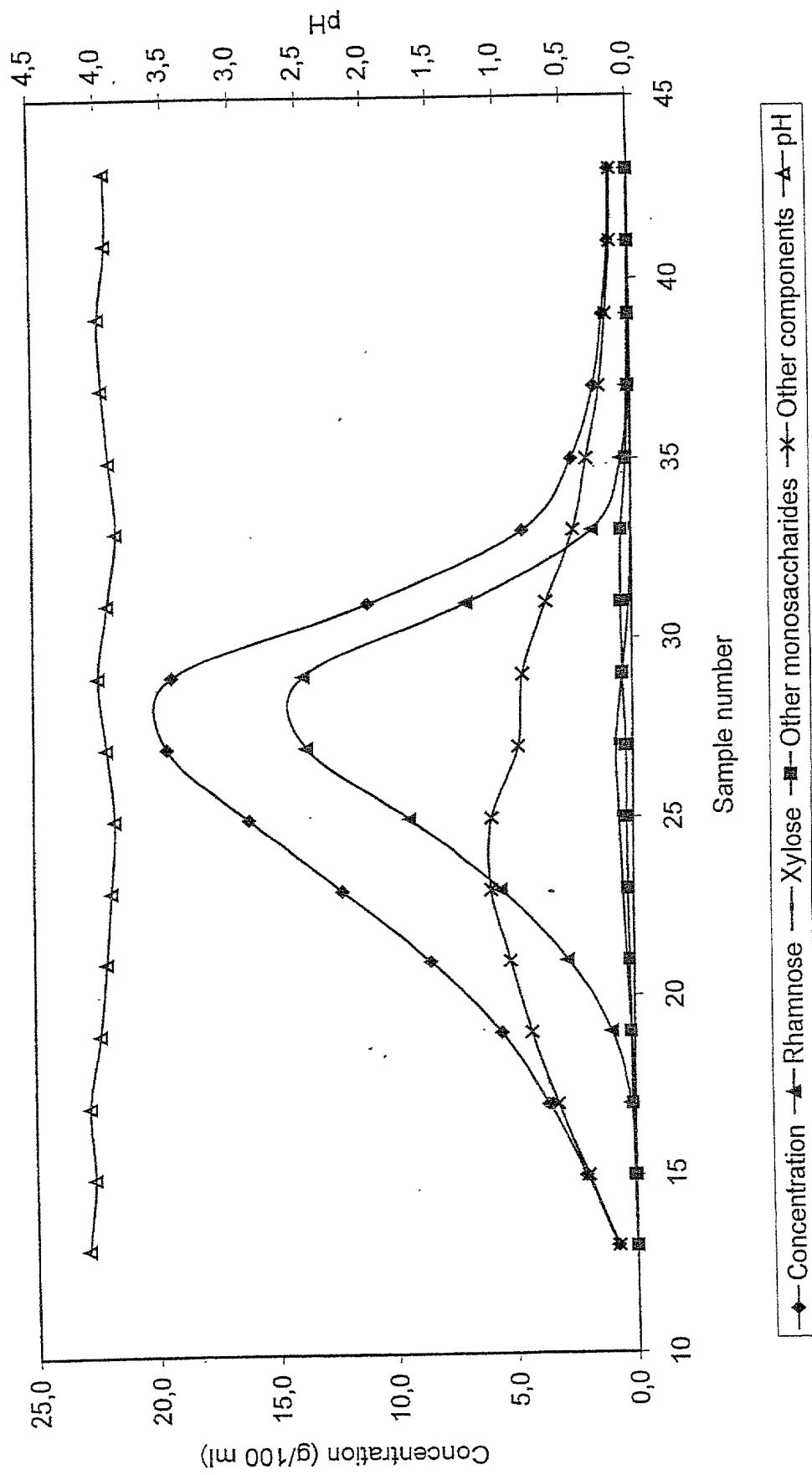


FIG. 7

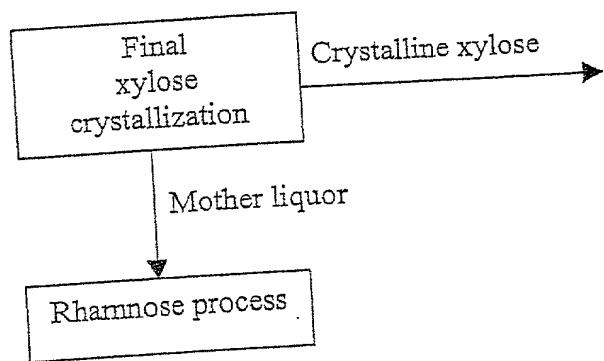


FIG. 8

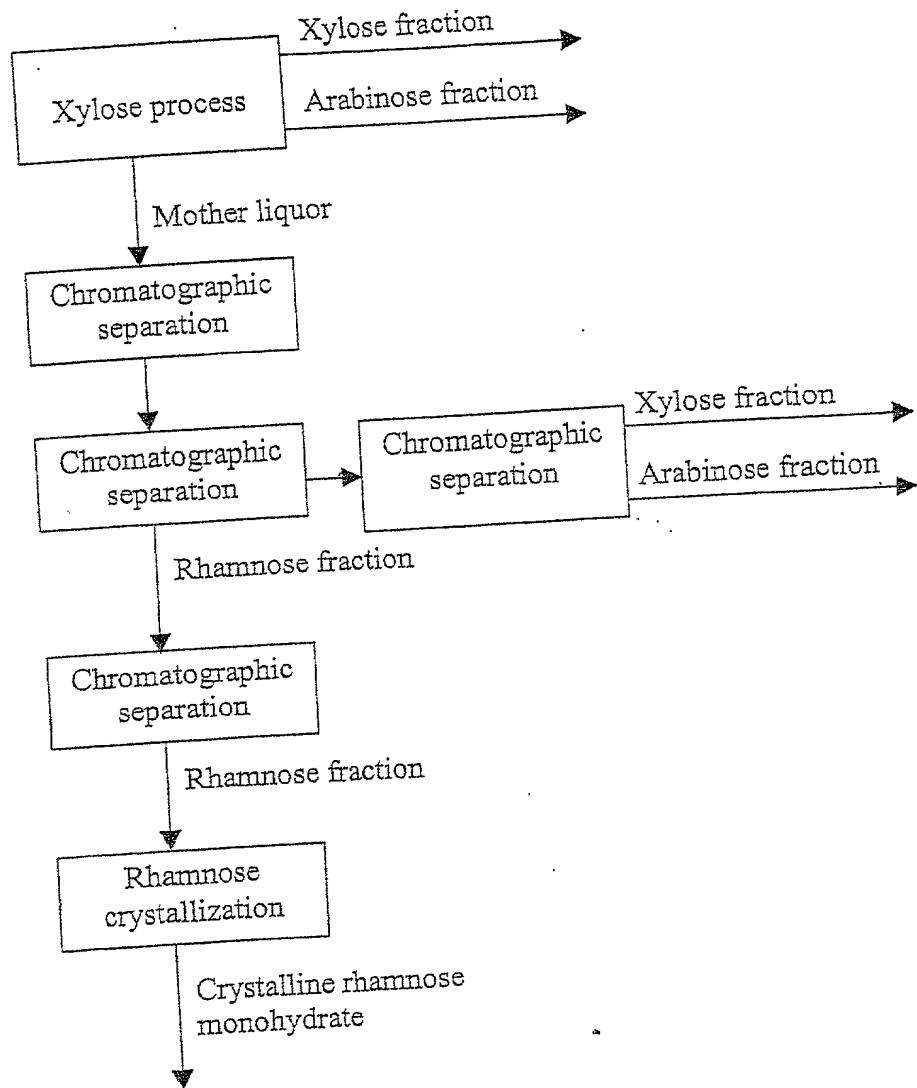


FIG. 9